

## Past Winners

1987/88	C. Daniel Gelatt, Jr. Northern Micrographics, Inc. and E. Scott Kirkpatrick IBM T. J. Watson Research Center
1989/90	Rowland W. Redington General Electric Corporation
1991/92	Francois M. d'Heurle IBM T. J. Watson Research Center
1993/94	Leonard S. Cutler, Curt A. Flory, and Robin P. Giffard Hewlett-Packard Laboratories
1995/96	Mark T. Ketchen IBM T. J. Watson Research Center
1997/98	Dan A. Hays Xerox Corporation
1999/00	Stuart S. P. Parkin IBM Almaden Research Center
2001/02	Charles H. Henry Bell Laboratories, Lucent Technologies
2003/04	Rangaswamy Srinivasan UV Tech Associates (formerly at IBM)
2005/06	William A. Edelstein General Electric Corporate R&D
2007/08	Larry J. Hornbeck Texas Instruments
2009	APS Prize – Phillip J. Wyatt Wyatt Technology Corporation

## 2008 AIP Corporate Associates

The corporations and laboratories listed below are Corporate Associates of the Institute. With Corporate Associate membership in AIP, corporations join the Institute in its objective: *to serve the industrial physics community by improving the effectiveness of people and organizations in advancing corporate goals through the use of physics and related sciences.*

3M Company  
Abdus Salam Int'l Centre for Theoretical Physics  
The Aerospace Corporation  
Agilent Technologies  
Alcatel-Lucent, Bell Laboratories  
Battelle Energy Alliance  
Corning Incorporated  
Cryogenic Control Systems  
The Dow Chemical Company  
ExxonMobil Research and Engineering Company  
ExxonMobil Upstream Research Company  
Ford Motor Company  
General Atomics  
General Electric R&D  
General Motors R&D Center  
Hewlett-Packard Company  
Hitachi Global Storage Technologies  
Horiba Jobin Yvon  
HRL Laboratories, LLC  
IBM Thomas J. Watson Research Center  
Janis Research Company, Inc.  
The Johns Hopkins Univ. Applied Physics Laboratory  
Lake Shore Cryotronics  
MIT Lincoln Laboratory  
National Institute of Standards & Technology (NIST)  
PARC Palo Alto Research Center  
Science Applications Int'l Corporation (SAIC)  
Sarnoff Corporation  
Schlumberger-Doll Research  
Seagate Technologies  
Shell E&P Technology Company  
Texas Instruments, Inc.  
Thomas Jefferson National Accelerator Facility  
UOP, LLC  
Xerox Research & Technology

# American Institute of Physics Prize for Industrial Applications of Physics 2010

AMERICAN  
INSTITUTE  
OF PHYSICS

# *Awarded on Behalf of the Corporate Associates of the American Institute of Physics*

Sponsored by the

## **General Motors Corporation**

and AIP Corporate Associates

### **Purpose**

To recognize outstanding contributions by an individual or individuals to the industrial applications of physics.

### **The Award**

The **Prize for Industrial Applications of Physics**—established by the American Institute of Physics (AIP) in 1977 as a biennial award and extended by the American Physical Society (APS) in 2007 to an annual award — publicizes the value of physics research in industry encourages physics research in industry, and enhances students' awareness of the role of physics in industrial research.

The prize, which is awarded by AIP and APS in alternate years, consists of \$10,000, an allowance for travel to receive the prize, and a certificate citing the contributions made by the recipient or recipients.

## **American Institute of Physics Prize**

### **Rules and eligibility**

The AIP Prize is awarded for successful applications of physics to proven, innovative technologies. The contribution may be a product, a process, or a tool enabling practical application. Actual benefit to the employer is a significant criterion.

All nominations should include the nominee's vita, letters of nomination, work for which cited, publications, and patents, if any. Documentation should specify the significance of commercialization. Nomination packages should not exceed 15 pages total. Although nominees need not now be working in U.S. industry, the contribution for which they are cited must have been made while employed in U.S. industry.

The prize is intended primarily to recognize the contribution of an individual but can be shared by more than one person where circumstances warrant. The application of the contribution must have resulted in a significant industrial development within ten years prior to the award.

### **Selection of candidates**

An Award Committee consists of five members and is constituted separately for each successive award. Members are designated by the Corporate Associates Advisory Committee. The Chair of the Corporate Associates Advisory Committee serves also as Chair of the Award Committee. The Executive Director of AIP serves as an ex officio member of the Award Committee.

### **Presentation of the Award**

The Prize will be presented at an upcoming AIP Industrial Physics Forum or Member Society Meeting.

### **Nominations**

**Nomination Deadline:** April 1, 2009

Send nominations and supporting documentation to:  
Industrial Outreach

Attn: Committee for the IAP Prize  
American Institute of Physics  
One Physics Ellipse  
College Park, MD 20740  
assoc@aip.org; 301-209-3159

<http://www.aip.org/ca/iaprize.html>



## **American Physical Society Prize**

### **Rules and eligibility**

The APS Prize is awarded for innovative, leading-edge applications of physics to emerging technologies. It is not necessary for the application to have already achieved commercial success, but it should have demonstrated potential for significant impact. Although nominees need not now be working in industry, the contribution for which they are cited must have been made while their principal employment was in industry. The recognized contribution may be a product, a process, or a tool enabling practical application of physics. Nominees need not be APS members, and there is no restriction with regard to geography or nationality.

### **Selection of candidates**

In order to encourage a broad spectrum of nominations, and in particular nominations from smaller companies as well as larger ones, the nomination process involves two steps. In the first step, nominators are asked to fill out a web-based form, giving a brief description of the nominee(s), and the significance of the work that is being cited. This description is limited to 1000 words, and one additional letter of support, of no more than 500 words, may accompany the nomination. Self-nominations are encouraged.

These preliminary nominations are due by April 1 of the year preceding the presentation of the Prize. From among these nominations, the selection committee will choose a small number of finalists by May 1. The nominators of the finalists will be invited to submit more extensive nominations by July 1, and the selection committee will recommend one of the finalists to the APS Executive Board for approval as the Prize recipient.

### **Nominations**

**Nomination Deadline:** April 1, 2010

For further details on the nomination process, and to submit a nomination, see:

<http://www.aps.org/programs/honors/prizes/industrial.cfm>

